



# CDF Operations Summary

- Jobs over last two weeks:
  - Alcove shielding walls torn down and rebuilt (east currently finishing up, west done) and surveying to tie into Tevatron alignment network
  - East Kautzky valve work
  - CDF Roman pots removed for A48 collimator work
  - All muon walls pulled out, both plugs pulled out, COT work continues from last week:
    - SL3-126-02 disabled
    - SL3-002 wire plane replaced
    - SL7-86 wire plane replaced
    - SL4-227 may replace wire plane
  - FTM work on SVX crates 50% done
  - NW muon miniskirt (re)installation, testing on both miniskirts



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- Work on safety systems:
  - Diesel generator work over weekend fixed load problems
  - UPS procedures updated after false alarms during last power outage
  - Should be prepared for next power outage
- 400 Hz motor generators PMs done
- DAQ:
  - New versions of Linux & Irix & Java; consumer recompiled and scripts updated
  - New nodes added to L3 (claim 20-25% faster startup)
  - Testing with new version TDCs & Tracers for COT & muon readout
- E-M Timing cable installation



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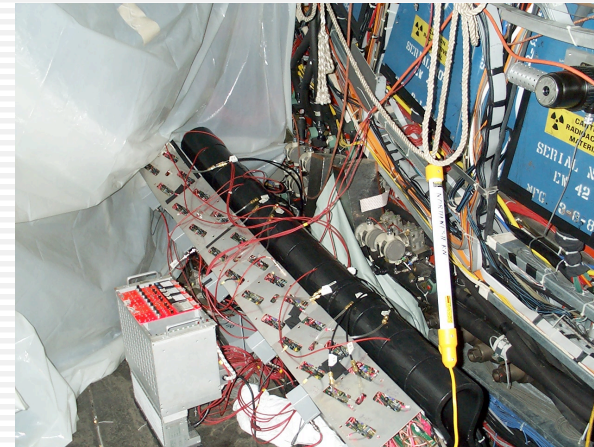
- Plug source and laser calibrations; baffle and cable relief work on plug
- Monitoring and control system computer upgrades (plug & central iFIX nodes replaced, muon scintillator next)
- This week:
  - SE central arch pull today for access to central muon chamber
  - Prepare for ISL cooling laser burnout next week, but may add one more week for COT work
  - Power outage next Monday (September 29):
    - Site-wide 7:00 AM - 7:30 AM
    - All CDF 7:30 AM - 4:30 AM
    - Feynman 5:00 AM - 10:00 AM
    - Online computers 6:00 AM - 4:30 PM, then startup
    - Shutdown your computers!
- Shift crews (SciCo & Ace):
  - Fighting ennui, started calibrations yesterday
  - Detector in remarkably good shape—waiting for beam!



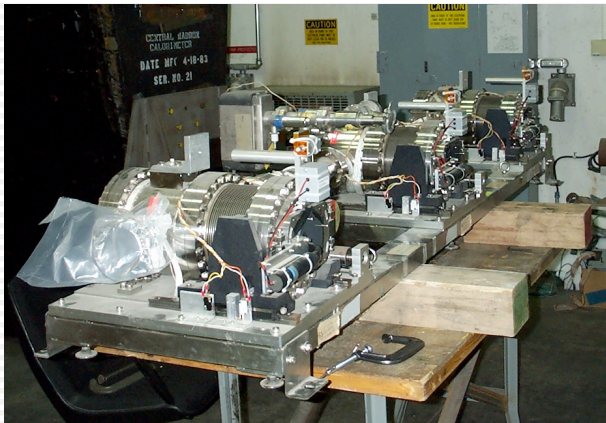
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SW miniskirt in preparation



NW miniskirt in place and testing



Rare glimpse of the Roman pots



West alcove - only ODH wooden barrier visible

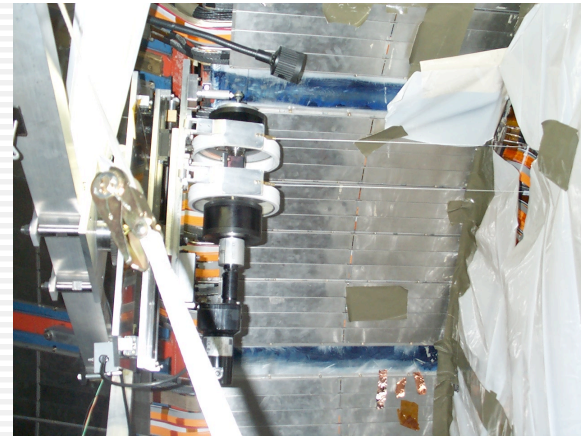




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Behind the clean room tent...



Wire plane being prepared for pull on west side



Tensioning clutch on east side



Precision work